Voluntary Product Accessibility Template® (VPAT®)

Version 2.1
March 2018

About This Document

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Table Information for VPAT® Readers

For each of the standards, the criteria are listed by chapter in a table. The structures of the tables are: the first column contains the criteria being evaluated, the second column describes the level of conformance of the product regarding the criteria and the third column contains any additional remarks and explanations regarding the product.

- When sections of criteria do not apply, or deemed by the customer as not applicable, the section is noted as such and the rest of that table may be removed for that section.

- When multiple standards are being recorded in this document, the duplicative sections are noted and responded to only one time. The duplicate entry will note the cross reference to the data.

F.A.Davis Accessibility Conformance Report

VPAT® Version 2.1 – March 2018

Name of Product/Version: Davis Advantage for Pathophysiology

Product Description: Content management system delivering educational materials

Date: May 7th, 2018

Contact information: accessibility@fadavis.com

Notes:

This report is the evaluation report of a web based product which contains no software or hardware in conformance of the Revised Section 508 standards, and the Web Content Accessibility Guidelines. All non-relevent standards or sections have been removed to improve document readability.

The product has a companion ebook that is delivered through another product platform and is not included in this VPAT®. Contact us for more information on the accessibility of the eBook platform.

Evaluation Methods Used:

Keyboard only navigation, screen reading technology, screen magnification, and automated testing tools.

Automated Testing Tools: aXe, Wave, AInspector

Screen Reading Software: JAWS 2018 (Internet Explorer / FireFox), VoiceOver (Safari)

Other Software: ZoomText

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0, at _http://www.w3.org/TR/2008/REC-WCAG20-20081211/_	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017 Corrections to the ICT Final Rule as published by the US Access Board in the Federal Register on January 22, 2018	(Yes)
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V1.1.2 (2015-04) at _http://mandate376.standards.eu/standard_	(No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Supports with Exceptions**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Notes: Product is web based and contains no software or hardware. Authoring tool is instructor only and web based. Because the authoring is web based, results for content authoring will be included under web results. This product does not contain Electronic Documents or content effecting those areas of success criteria, and therefore has not been evaluated.

Criteria	Conformance Level	Remarks and Explanations

1.1.1 Non-text Content (Level A)
Also applies to:
2017 Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Web: Supports with Exceptions	Web:
		- Footer social media images have no alt text.
		- Icons used to display activity results and the results overview in the Personalized Learning Plan contain visual only information and do not read with a screen reader.

1.2.1 Audio-only and Video-only (Prerecorded) (Level A)
Also applies to:
2017 Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Web: Supports	Web:
		+ Video content includes both captioning and transcription.

1.2.2 Captions (Prerecorded) (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software)	Web: Supports	Web: + Video content includes captioning

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + While audio descrition do not exist, the audio covers all text displayed in the video, and images only depict concepts that are audibly communicated.
1.3.1 Info and Relationships (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does Not Support	Web: - Resource Page Display form element missing label - Buttons throughout system do not use unique labels - Some Table data have blank row or column headers - Dropdown selection boxes in system are missing labels - Column sort elements are missing labels - Column sort and video player elements with event handler are missing role information. - Content that is revealed via interaction with a show/hide toggle element don not annoiunce a change in state to the user audibly, or to sreen reader users. - Personalized learning plan: iframe containing content such as video and activity doesn't include a name.
1.3.2 Meaningful Sequence (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Resources page has the 'view' button in order to be accessed before reading the name of the item it is associated with.
1.3.3 Sensory Characteristics (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Tables do not contain summary data to inform the user of the data structure - Drag and Drop interaction contains no information for the user to provide understanding of operation.

Criteria	Conformance Level	Remarks and Explanations
1.4.1 Use of Color (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Feedback provided to the user in some areas uses color as the only means for conveying information. Activities in the personalized learning plan provide a feedback summery, but use color to notate correct answers with no other means to convey the information.
1.4.2 Audio Control (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Product contains no audio that plays automatically
2.1.1 Keyboard (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Tab order is not set, and keyboard control is unavailable for "Join a class" link in the student view. - Drag and Drop activities are inaccessible to keyboard control.
2.1.2 No Keyboard Trap (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + No keyboard traps exist in the product.
2.2.1 Timing Adjustable (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + No timed elements or activities exist in the product.
2.2.2 Pause, Stop, Hide (Level A)	Web: Supports	Web:

Criteria	Conformance Level	Remarks and Explanations
Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		+ No moving, blinking, or scrolling elements exist in the product.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Product does not contain any elements or content that flashes.
2.4.1 Bypass Blocks (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Does Not Support	Web: - No mechanism is available to skip repeated navigation.
2.4.2 Page Titled (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does Not Support	Web: - Page titles are all generalized, and not specific to topic or purpose
2.4.3 Focus Order (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Page is layed out in a simplified, consistent, and meaningful order.
2.4.4 Link Purpose (In Context) (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software)	Web: Supports With Exceptions	Web: - Social Media, Video, and Activity links do not contain descriptive link text.

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		
3.1.1 Language of Page (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Page language is set
3.2.1 On Focus (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + No elements initiate a change upont focus alone.
3.2.2 On Input (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Dropdown selection boxes in system are missing labels that would identify the context the user is about to change.
3.3.1 Error Identification (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + If an input error is detected, the item that is in error is identified and the error is described in text form.
3.3.2 Labels or Instructions (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does Not Support	Web: - Column sort elements are missing labels - Column sort, video player, and drag & drop activity elements with event handler are missing role information.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Heading nesting is not used to aid in understanding of page organization. - In Pesonalized Learning Plan activities, headings skip from h1 to h4
4.1.2 Name, Role, Value (Level A) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Account dropdown button missing associated text label. - Column sort and video player elements with event handler are missing role information. + ARIA roles are used in many placed to add labels for Screen reader users

Table 2: Success Criteria, Level AA

Notes: Product is web based and contains no software or hardware. Authoring tool is instructor only and web based. Because the authoring is web based, results for content authoring will be included under web results. This product does not contain Electronic Documents or content effecting those areas of success criteria, and therefore has not been evaluated.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + No live content is used in the system
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Web: Supports	Web: + While audio descrition do not exist, the audio covers all text displayed in the video, and images only depict concepts that are audibly communicated.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
1.4.3 Contrast (Minimum) (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports with Exceptions	Web: - Some text elements do not exceed the Color Contrast Ratio (CCR). Buttons have 2.04:1/2.32:1 at 10.5 - 13.5 font weight, Sub headings have 4.47:1 at 14.6 font weight, Notification Counter has 3.99:1 at 6.8 font weight. + Content text meets the Color Contrast Ratio requirements.
1.4.4 Resize text (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Text will adjust up to 200% without loss in content or functionality. The page layout adjusts appropriately.
1.4.5 Images of Text (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Product does not use images of text
2.4.5 Multiple Ways (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports	Web: + Sequential order as well as direct navigation is available for all pages except where pages result in multiple planned steps.
2.4.6 Headings and Labels (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Web: Supports with Exceptions	Web: + Page content is organized with the use of meaningful headings - Dropdown selection boxes in system are missing labels - Some Table data have blank row or column headers

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		- Column sort elements are missing labels
2.4.7 Focus Visible (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does Not Support	Web: - Visible focus when using keyboard navigation is not implemented on all elements. Some elements where it exists do not vary enough in contrast to be perceivable by all users.
3.1.2 Language of Parts (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + Product does not contain uses of varying language
3.2.3 Consistent Navigation (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports	Web: + Navigation is consistent across all areas of the web pages
3.2.4 Consistent Identification (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports	Web: + Component identification is consistent throught the product
3.3.3 Error Suggestion (Level AA) Also applies to: 2017 Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports	Web: + No error correction suggestions reveal sensitive information.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Web: Supports	Web:

Criteria	Conformance Level	Remarks and Explanations

Also applies to:
2017 Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
		+ For transactions, a final review is provided to the user to verify accuracy of information.

Table 3: Success Criteria, Level AAA

Notes: Product not evaluated for conformance of Level AAA

2017 Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports with Exceptions	+ In cases where symantic labels and information are not present, ARIA is in use, or Assistive technology has some means to compensate with exception to the following: - Drag and Drop activities in Personalized Learning Plan
302.2 With Limited Vision	Supports	+ Enlargements to text and content can be made through the use of assistive technology
302.3 Without Perception of Color	Supports with Exceptions	+ The product does not rely on color alone

Criteria	Conformance Level	Remarks and Explanations
		to convey information, context, or meaning with exception to the following: - Correct answers for Drag and Drop activity feedback - Some contrast that falls below required threashold
302.4 Without Hearing	Supports	+ All audible content has a text based alternative. Audio is not used for indicating system changes
302.5 With Limited Hearing	Supports	+ Product doe not rely on audible cues and provides appropriate alternatives to any audible content.
302.6 Without Speech	Supports	+ Product does not make use of speech functionality.
302.7 With Limited Manipulation	Supports with Exceptions	+ Fine motor skills are not required to perform and function in the product with exception to the following: - Drag and Drop activities in Personalized Learning Plan
302.8 With Limited Reach and Strength	Supports	+ Product does not require fixed physical characteristect.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	+ The product makes use of a simple and intuative interface. Because it is an educational platform, there is an expectation of cognative load on a user. The product allows the use of assistive technology that can aid in releaving the cognative load.

Chapter 4: Hardware

Notes: Product is web only and contains no hardware solution.

Chapter 5: Software

Notes: Product is web only and therefore does not include sections 502 or 503.

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG section
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.0 section	See information in WCAG section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Supports	+ Authoring tool is for arranging existing content provided in the product, and does not convert content.
504.2.2 PDF Export	Supports	+ PDF Export is not available.
504.3 Prompts	Supports	+ Authoring tool is for arranging existing content provided in the product, and does not include new content creation.
504.4 Templates	Supports	+ Authoring tool is for arranging existing content provided in the product, and does not make use of templates.

Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Does Not Support	- Documentation does not list and explain how to use accessibility and compatibility features.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	+ Alternative formats are available on request.
603 Support Services	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
603.2 Information on Accessibility and Compatibility Features	Does Not Support	- Documentation does not list and explain how to use accessibility and compatibility features.
603.3 Accommodation of Communication Needs	Supports	Multiple communication options are available based on need.

Legal Disclaimer

The information above describes this product's ability to support the applicable Standards/Guidelines, subject to F.A. Davis interpretation of those standards and the remarks in this document.

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